

CE648922

MODEL 700™ M24

Model **SMS**™

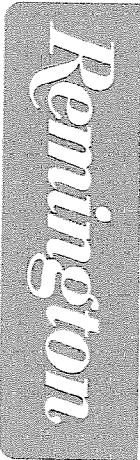
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington
MODEL 700™ M24

VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

UPPONT
REGISTERED TRADE MARK

SERIAL NO.
C6648922

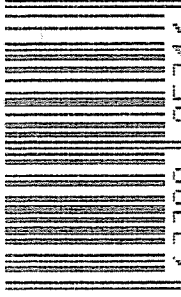
ORDER NO.
5716

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6648922

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6648922

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 2	9 1	RW
600	Proof	7 2	9 1	RW
607	Check Headspace	7 2	9 1	RW
610	Dis-assemble Gun	7 2	9 1	RW
612	Magnaflux Barrel Action		JUL 22 1991	GS
	Magnaflux Bolt		JUL 22 1991	GS
615	Rollmark Caliber		JUL 22 1991	GS
617	Drill and Tap Sight Holes		JUL 22 1991	LB
618	Polish Barrel		7/22/91	WB
620	Apply Coatings (Barrel Action)		7-2-91	LB
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		8/9/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/9/91	RW
	C) Inspect Ejector Hole for Chamfer		8/9/91	RW
	D) Oil Firing Pin Ass'y		8/9/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8-10-91	RL

op. #	BARBER-M24 0033367	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	5	5 1/2			8-12-91	DH
	G) Safety Off Force	3	3	3			8-12-91	DH
	H) Trigger Pull Test & Retainability						8-12-91	JU
	I) Firing Pin Indent	.021	.020	.021			8-12-91	DH
	J) Assemble Stock						8-12-91	RW
	K) Assemble Swivel Studs						8-12-91	DH
	L) Attach Front and Rear Sight Assemblies						8-12-91	RW
	M) Iron Sight Alignment						8-12-91	RW
	N) Detach Front & Rear Sights & place in numbered container						8-12-91	RW
	O) Attach Scope to Rifle						8-12-91	RW
	P) Detach & Attach Scope 20 Times						8-12-91	RW
640	Gallery Target & Test						8-12-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						8-12-91	NF
655	Final Inspection						8-13-91	DH
	A) Headspace						8-13-91	JU
	B) Trigger Pull	2.63	2.54	2.54	2.51	2.56	8-13-91	DH
	C) Function						8-13-91	DH
660	Pack						9-19-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6648922DATE 8-10-91TESTER JM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.62	2.46	2.50	2.63	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.55	2.36	2.53	2.54	
PULL #3	2.45	2.51	2.49	2.54	
PULL #4	2.42	2.53	2.51	2.51	
PULL #5	2.39	2.49	2.55	2.56	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.57		
PULL #2	3.23	3.22		
PULL #3	3.22	3.45		
PULL #4	3.17	3.43		
PULL #5	3.21	3.37		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.52		4.51
PULL #2	4.21	4.27		4.54
PULL #3	4.20	4.48		4.54
PULL #4	4.55	4.50		4.50
PULL #5	4.49	4.48		4.41
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS

RIF RIFLE # C6648922

112 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.295495
1 TO	2	.139004
1 TO	3	.0480104
1 TO	4	.06
1 TO	5	.258822


 ←----POA

1. AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1058

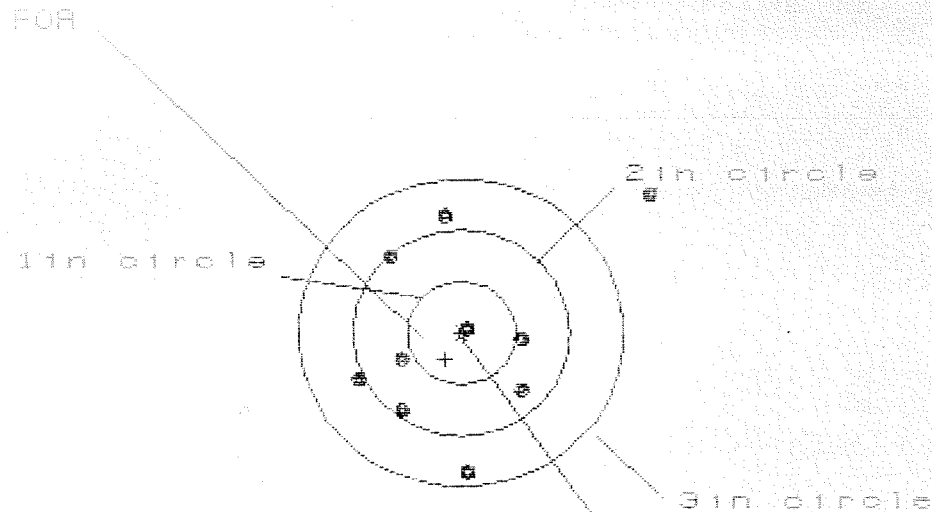
2. AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1796

3. AVERAGE POI RADIUS FOR THIS RIFLE IS: .209446

4. AVERAGE THIS RIFLE IS: .9736

FILE:/PATTERNING/CENTERFIRE_PATT/C854B922

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 9

HE= 2.749

VS= 2.740

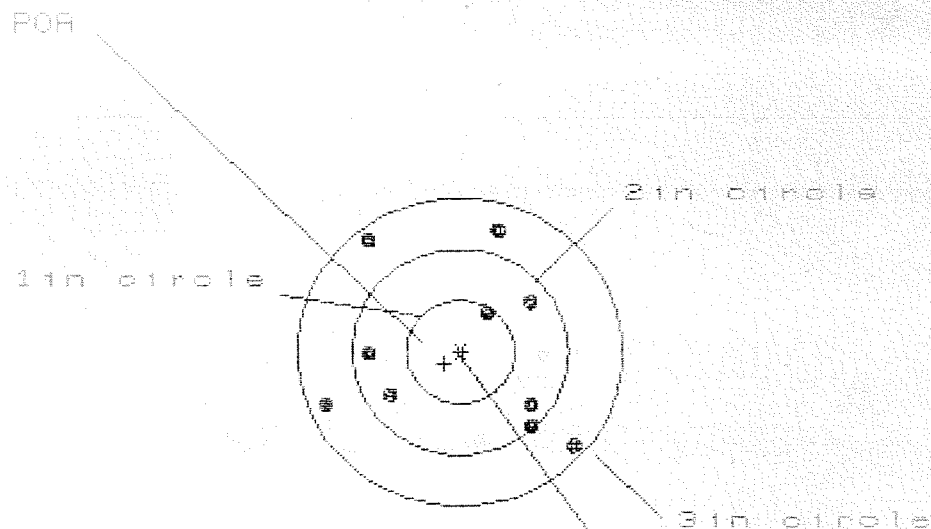
GS= 3.278

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.788	.720	.752
MINIMUM X	-.961	-.762	-.730
MAXIMUM Y	1.377	1.300	1.152
MINIMUM Y	-1.363	-1.210	-.779
CENTROID X	.151	-.048	-.080
CENTROID Y	.254	.101	.252
FOR TO CENTROID in.	.295	.112	.265
MIN RADIUS	.063	.314	.282
MEAN RADIUS	.982	.823	.768
MAX RADIUS	2.257	1.306	1.158
HORIZONTAL SPREAD	2.749	1.482	1.482
VERTICAL SPREAD	2.740	2.513	1.931
EXTREME SPREAD	3.278	2.519	1.990
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 5		
NUMBER IN THREE INCH CIRCLE	= 9		

0033371

FILE:/PATTERNING/CENTERFIRE_PATT/C8848322

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 10

HS= 2.290

VS= 2.024

GS= 2.731

CENTROID *

PATTERN #	2
SHOTS (BEST OF)	10
MAXIMUM X	1.050
MINIMUM X	-1.240
MAXIMUM Y	1.151
MINIMUM Y	-0.873
CENTROID X	.150
CENTROID Y	.115
POA TO CENTROID in.	.189
MIN RADIUS	.474
MEAN RADIUS	1.002
MAX RADIUS	1.380
HORIZONTAL SPREAD	2.290
VERTICAL SPREAD	2.024
EXTREME SPREAD	2.731
NUMBER IN ONE INCH CIRCLE	1
NUMBER IN TWO INCH CIRCLE	6
NUMBER IN THREE INCH CIRCLE	10

18 Aug 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C8846322

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.249

VS= 2.809

GS= 2.831

CENTROID *

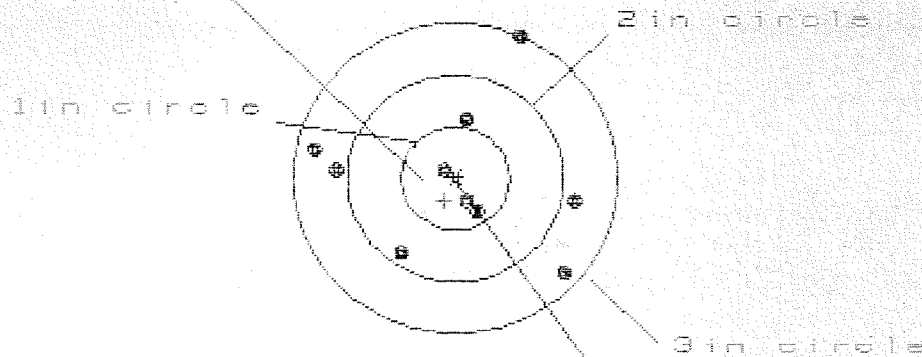
PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.999
MINIMUM X	-1.250
MAXIMUM Y	1.839
MINIMUM Y	-.978
CENTROID X	.179
CENTROID Y	.215
POA TO CENTROID in.	.279
MIN RADIUS	.442
MEAN RADIUS	1.092
MAX RADIUS	1.962
HORIZONTAL SPREAD	2.249
VERTICAL SPREAD	2.809
EXTREME SPREAD	2.831
NUMBER IN ONE INCH CIRCLE	1
NUMBER IN TWO INCH CIRCLE	5
NUMBER IN THREE INCH CIRCLE	8

18 Aug 1991

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CENTERFIRE PATTERNS # 4

POB



OF SHOTS - 10

IN CIR

1in = 3

2in = 5

3in = 9

HS = 2.409

VS = 2.365

GS = 2.715

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.057	1.126	1.265
MINIMUM X	-1.352	-1.283	-1.144
MAXIMUM Y	1.413	.713	.614
MINIMUM Y	-.952	-.795	-.615
CENTROID X	.103	.034	-.105
CENTROID Y	.218	.061	.161
POB TO CENTROID in.	.241	.070	.192
MIN RADIUS	.111	.181	.210
MEAN RADIUS	.874	.789	.728
MAX RADIUS	1.543	1.372	1.279
HORIZONTAL SPREAD	2.409	2.409	2.409
VERTICAL SPREAD	2.365	1.508	1.228
EXTREME SPREAD	2.715	2.715	2.476
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

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FILE:/PATTERNING/CENTERFIRE_PATT/C664B922

CENTERFIRE PATTERNS # 5

POA

1in circles

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 8

HS= 3.154

VS= 2.347

GS= 3.470

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.962
MINIMUM X	-2.192
MAXIMUM Y	.899
MINIMUM Y	-1.448
CENTROID X	-.054
CENTROID Y	.096
POA TO CENTROID in.	.110
MIN RADIUS	.320
MEAN RADIUS	.918
MAX RADIUS	2.311
HORIZONTAL SPREAD	3.154
VERTICAL SPREAD	2.347
EXTREME SPREAD	3.470
NUMBER IN ONE INCH CIRCLE	2
NUMBER IN TWO INCH CIRCLE	8
NUMBER IN THREE INCH CIRCLE	8